



Table 1.--*Landsat imagery used in analyses of the Ketchikan and Prince Rupert quadrangles.*

[Computer compatible tapes were processed by Pat S. Chavez, Jr., Teresa E. Grow, and Lynda Sowers, U.S. Geological Survey, Flagstaff, Ariz. Imagery is available from EROS Data Center, Sioux Falls, South Dakota 57198 (specify Public Affairs Office (PAO) number when ordering). For description of these types of enhancement, see Albert and Steele (1976a, b). Example of

| Imagery type | Bands and colors used | Scene ID number | Date | Projection | Public Affairs Office (PAO) number | Transparency scale | Print scale |
|--|------------------------------------|--------------------------|------------------|--------------------|------------------------------------|--------------------|-------------|
| U.S.D.A. Alaska mosaic | 7 Black and white | Not applicable | | Alber's equal area | Not applicable | Not applicable | 1:1,000,000 |
| Computer-enhanced imagery | | | | | | | |
| False-color with linear stretch - east | 4 Blue 5 Green 7 Red | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-681-64CT | 1:1,605,000 | 1:250,000 |
| False-color with linear stretch - west | 4 Blue 5 Green 7 Red | 1772-19165 | 9-3-74 | Orthographic | E-684-52CT | 1:1,590,000 | 1:250,000 |
| False-color with sinusoidal stretch - east | 4 Blue 6 Red 7 Green | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-682-64CT | 1:1,605,000 | 1:250,000 |
| False-color with sinusoidal stretch - west | 4 Blue 6 Red 7 Green | 1772-19165 | 9-3-74 | Orthographic | E-685-52CT | 1:1,590,000 | 1:250,000 |
| Simulated natural color - east | Synthetic blue 4 Green 5 Red | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-683-64CT | 1:1,605,000 | 1:250,000 |
| Simulated natural color - west | Synthetic blue 4 Green 5 Red | 1772-19165 | 9-3-74 | Orthographic | E-686-52CT | 1:1,590,000 | 1:250,000 |
| Vertical first derivative - east | 6 Black and white | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-336-64BN | 1:1,605,000 | 1:250,000 |
| Vertical first derivative - west | 6 Black and white | 1772-19165 | 9-3-74 | Orthographic | E-339-52BN | 1:1,590,000 | 1:250,000 |
| Horizontal first derivative - east | 6 Black and white | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-337-64BN | 1:1,605,000 | 1:250,000 |
| Horizontal first derivative - west | 6 Black and white | 1772-19165 | 9-3-74 | Orthographic | E-340-52BN | 1:1,590,000 | 1:250,000 |
| Diagonal first derivative - east | 6 Black and white | 1770-19053 1770-19055 | 9-1-74 9-1-74 | Orthographic | E-338-64BN | 1:1,605,000 | 1:250,000 |
| Diagonal first derivative - west | 6 Black and white | 1772-19165 | 9-3-74 | Orthographic | E-341-52BN | 1:1,590,000 | 1:250,000 |

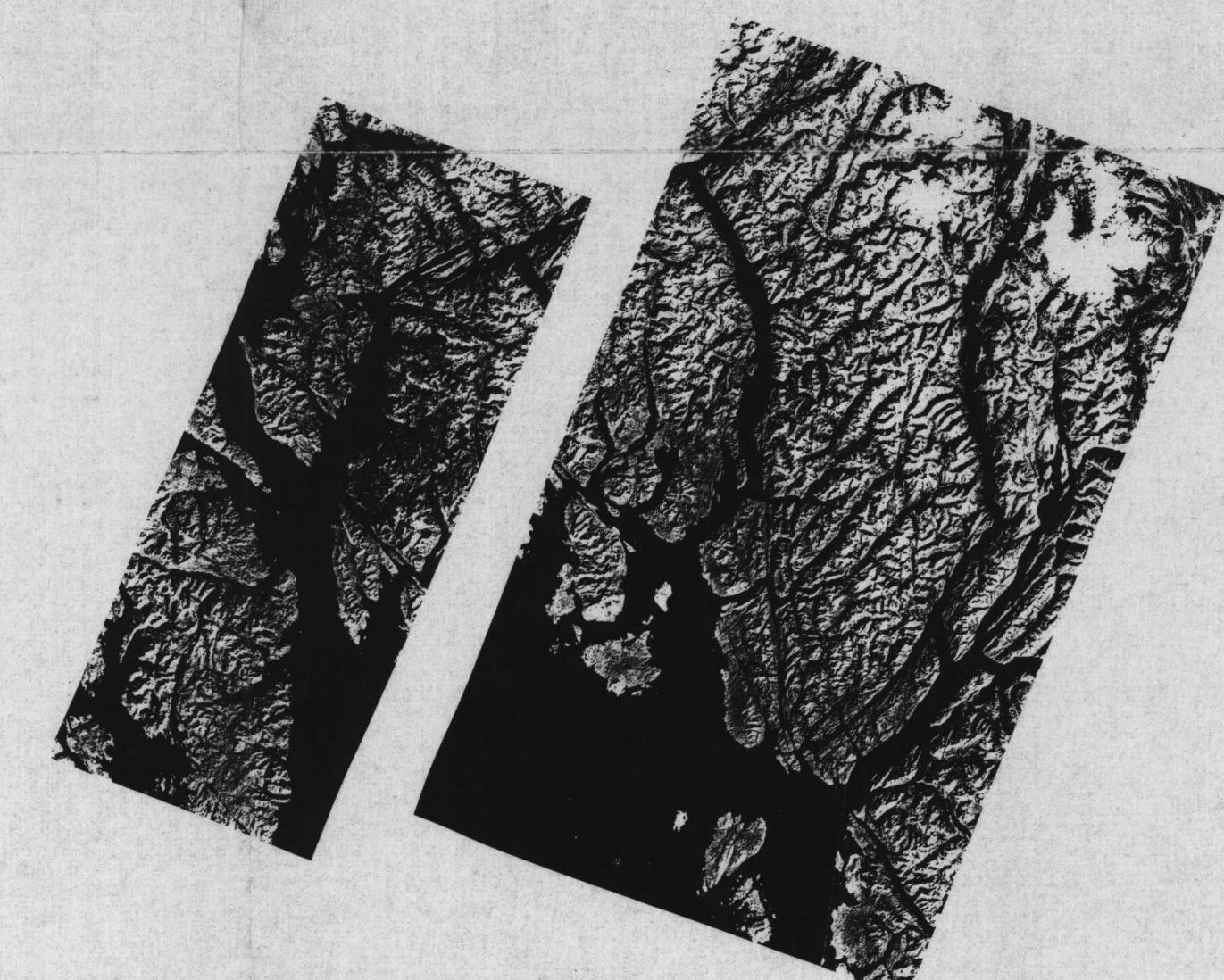


Figure 1.--Example of Landsat imagery used in analyses of the Ketchikan and Prince Rupert quadrangles. Band 7.

MAP SHOWING INTERPRETATION OF LANDSAT IMAGERY OF THE KETCHIKAN AND PRINCE RUPERT QUADRANGLES, ALASKA

IMAGERY OF THE KETCHIKAN

BY

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Base from USGS 1:250,000 topo series:
KETCHIKAN, 1955; PRINCE RUPERT, 1959.

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

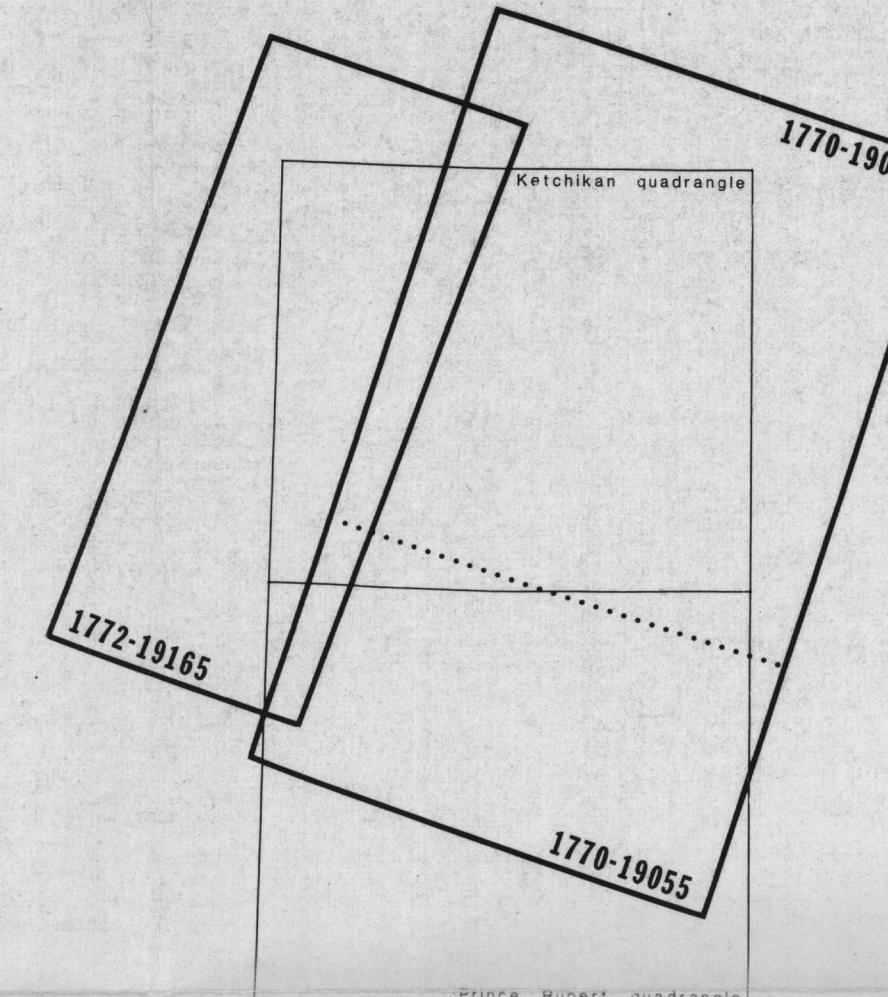


Figure 2.--Map showing location of Landsat imagery used in the analyses of the Ketchikan and Prince Rupert quadrangles. Dotted lines indicate mosaicked image boundaries.